



FEMA



Prepared by
Todd Beal

FEMA Region 6 Weather Threat Briefing

Monday, June 24, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- **Slight risk of severe storms over TX. Damaging winds and large hail are the main threats.**
- **Slight risk of heavy rainfall and flash flooding over S TX**

Tuesday

- **Isolated strong to severe storms across E NM, TX/OK Panhandles, W & N TX, OK, and W AR. Isolated heavy rain/flash flooding across parts of OK, TX, AR, and LA**

Wednesday – Friday

- **Marginal risk of severe storms the TX/OK Panhandles on Wednesday**

Major River Flooding or Known Evacuations

- **The Mississippi River at Baton Rouge will continue in major flood for the next several weeks.**
- **A few points on the AR and IL Rivers are in moderate flood.**

Tropical Weather Outlook

- **Tropical cyclone formation is not expected during the next 5 days.**

FEMA Region 6 Threat Matrix

June 24, 2019 – Jun 28, 2019



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DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms	TX	TX/OK Panhandles, E NM, W TX, OK, W AR	TX/OK Panhandles		
Heavy Rain / Flash Flooding	STX	OK, TX, AR, LA			
Fire Weather					
Tropical Weather					
River Flooding	MS River	MS River	MS River	MS River	MS River
	OK/AR	OK/AR			

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

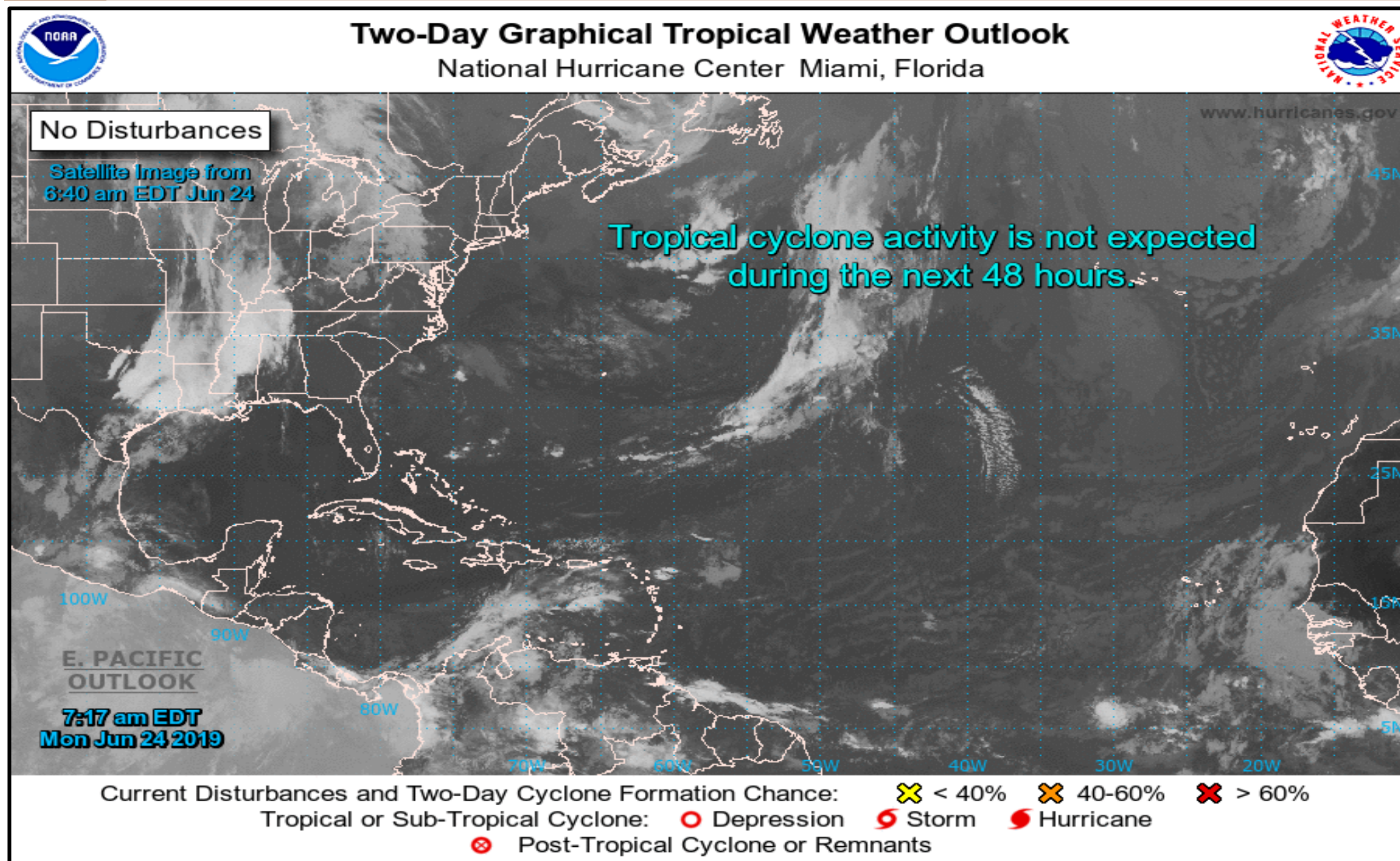
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

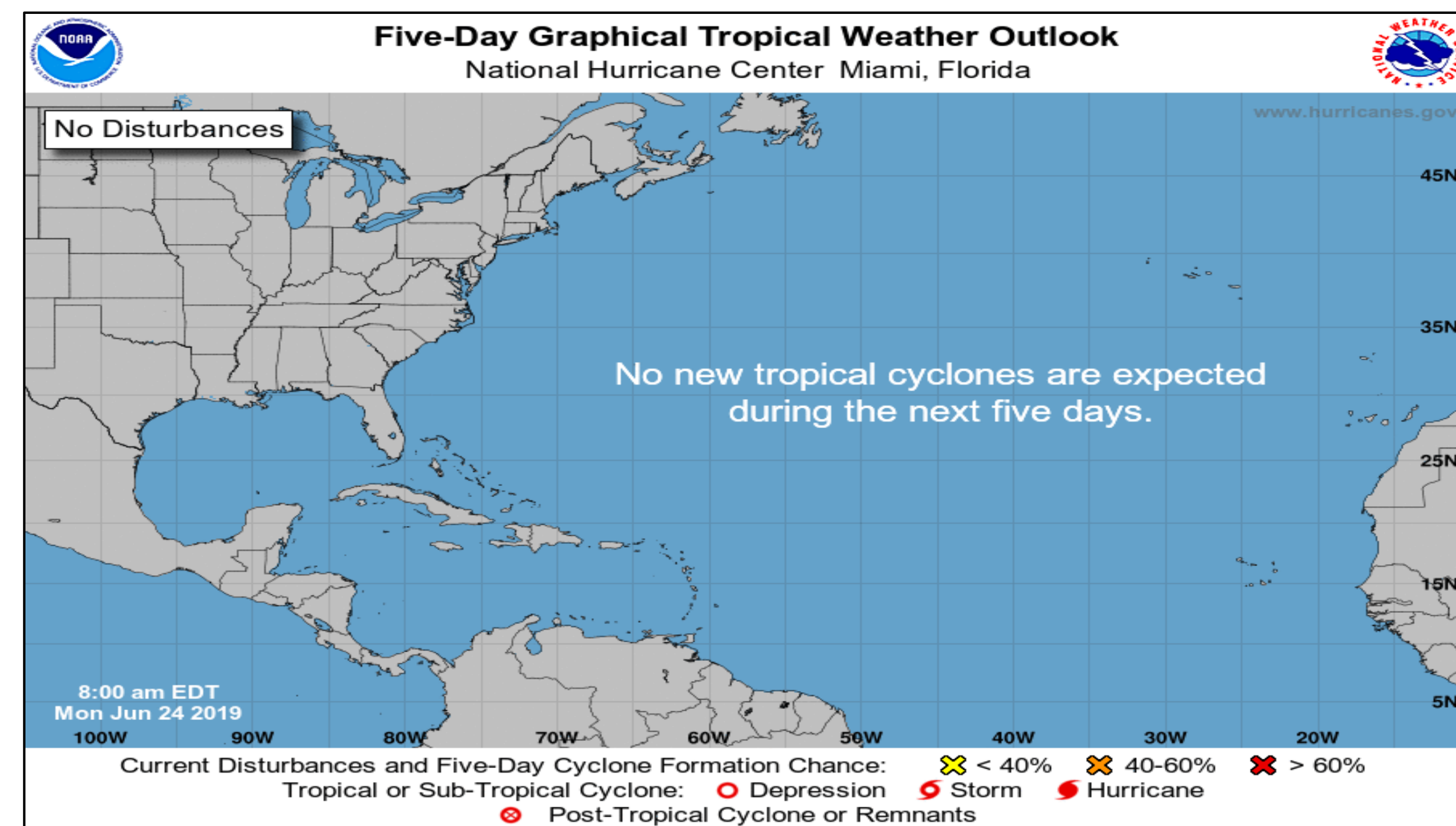
Tropical Weather Outlook – Atlantic/Gulf



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Tropical cyclone formation is not expected during the next 5 days.

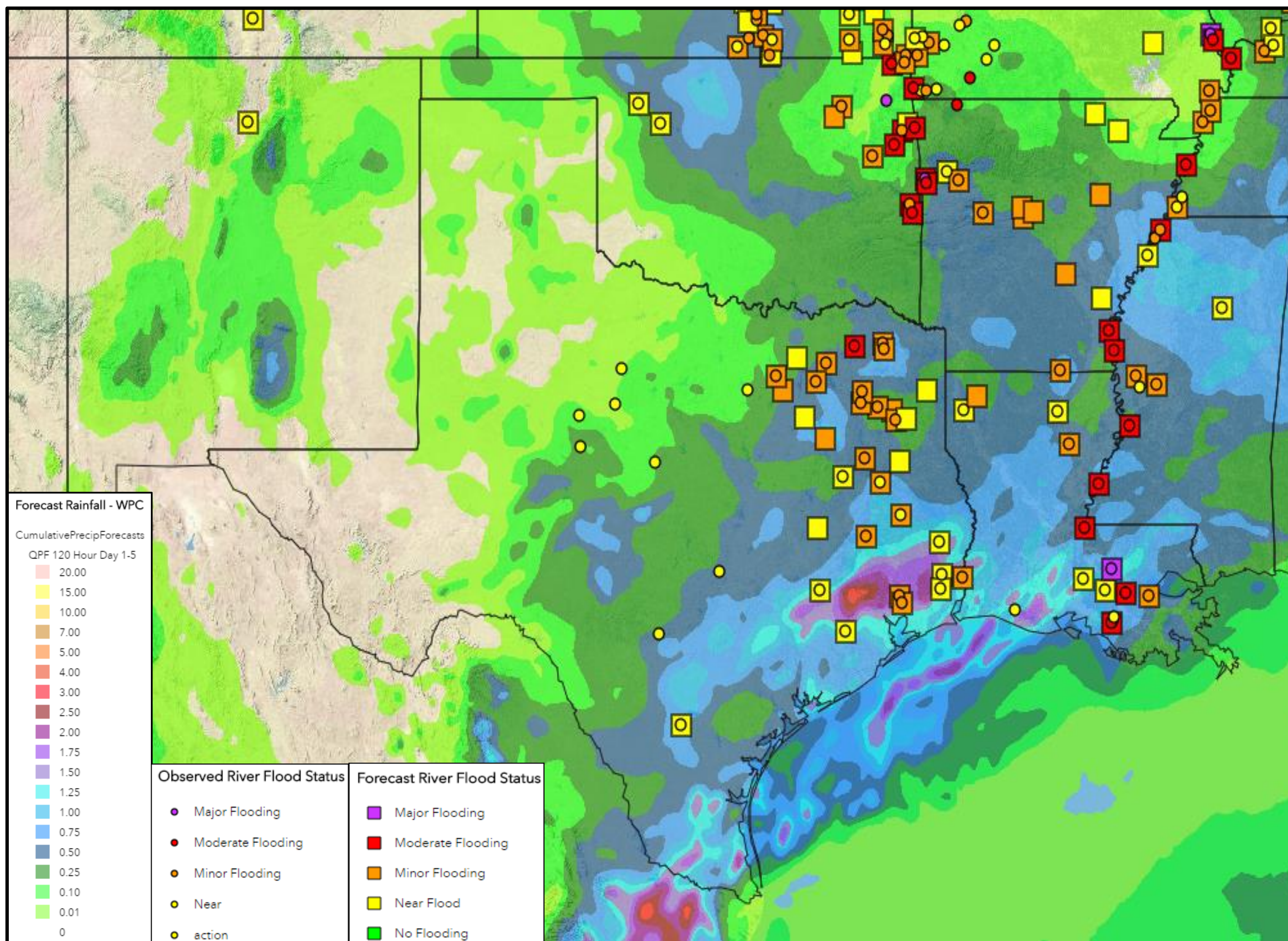


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Latest on the MS River:

- Flows along the Lower Mississippi remain in minor to moderate (with major at Baton Rouge) flood.
- The flood waters from the Ohio River Valley will likely have a minimal impact on the Lower MS River. Slight rises are expected at locations just downstream of the confluence, and slowed recessions are possible further downstream.
- Major flooding will continue for several more weeks at Baton Rouge, LA.

A few points on the Arkansas and Illinois Rivers rose into moderate flood last night and early this morning.

Today's Weather



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Forecast Chart

Forecast Rainfall

Slight risk of severe storms over TX. Damaging winds and large hail are the primary threats.

Slight risk of heavy rain and flash flooding over STX

Severe Weather Outlook

Excessive Rainfall Outlook

Monday, June 24, 2019

Rainfall Outlook

June 24 2019
June 25 2019
June 26 2019
WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point

HIGH: > 50%

SLG: 10%-20%

MDT: 20%-50%

MRGL: 5%-10%

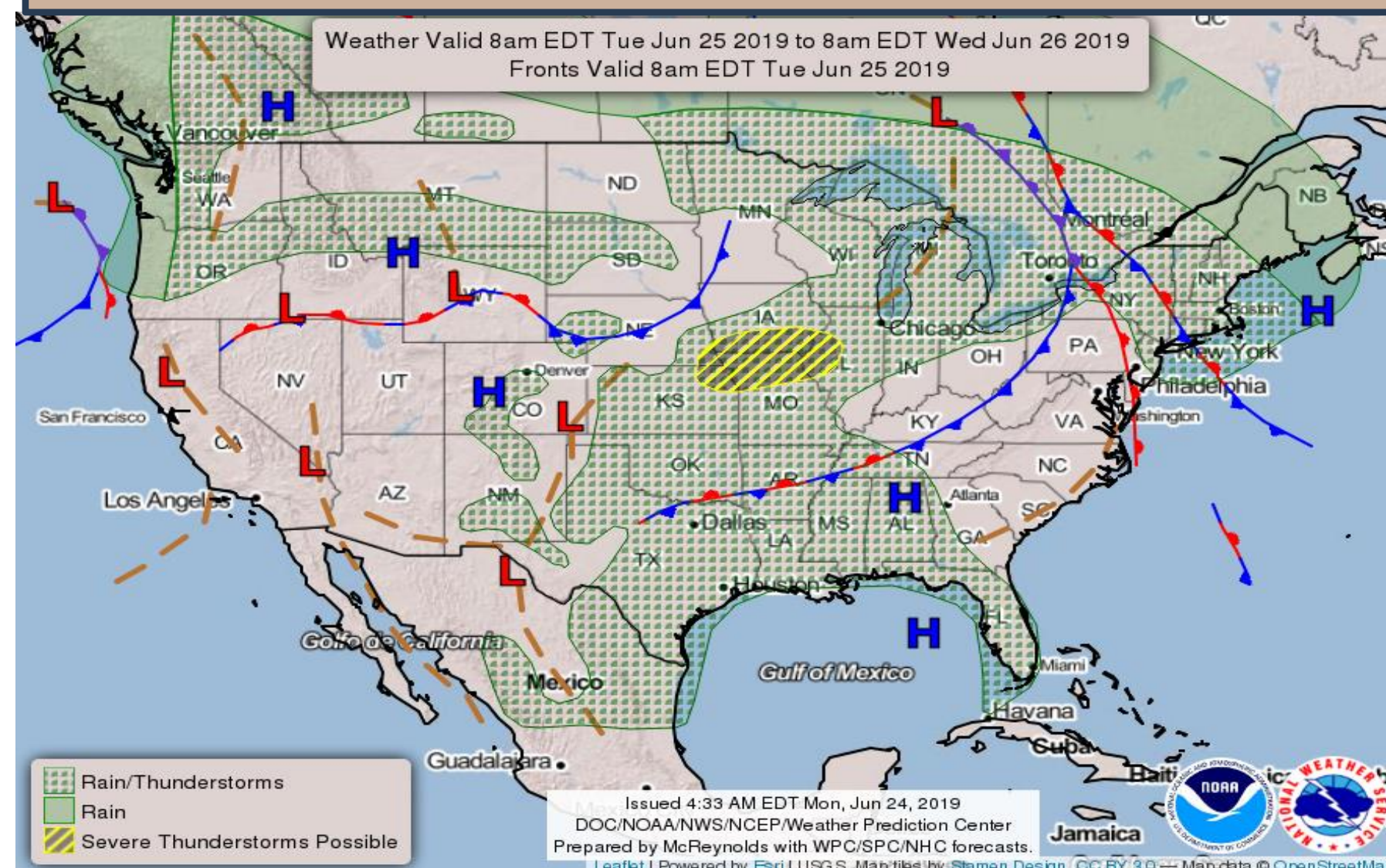
www.weather.gov/srh

Tomorrow's Weather

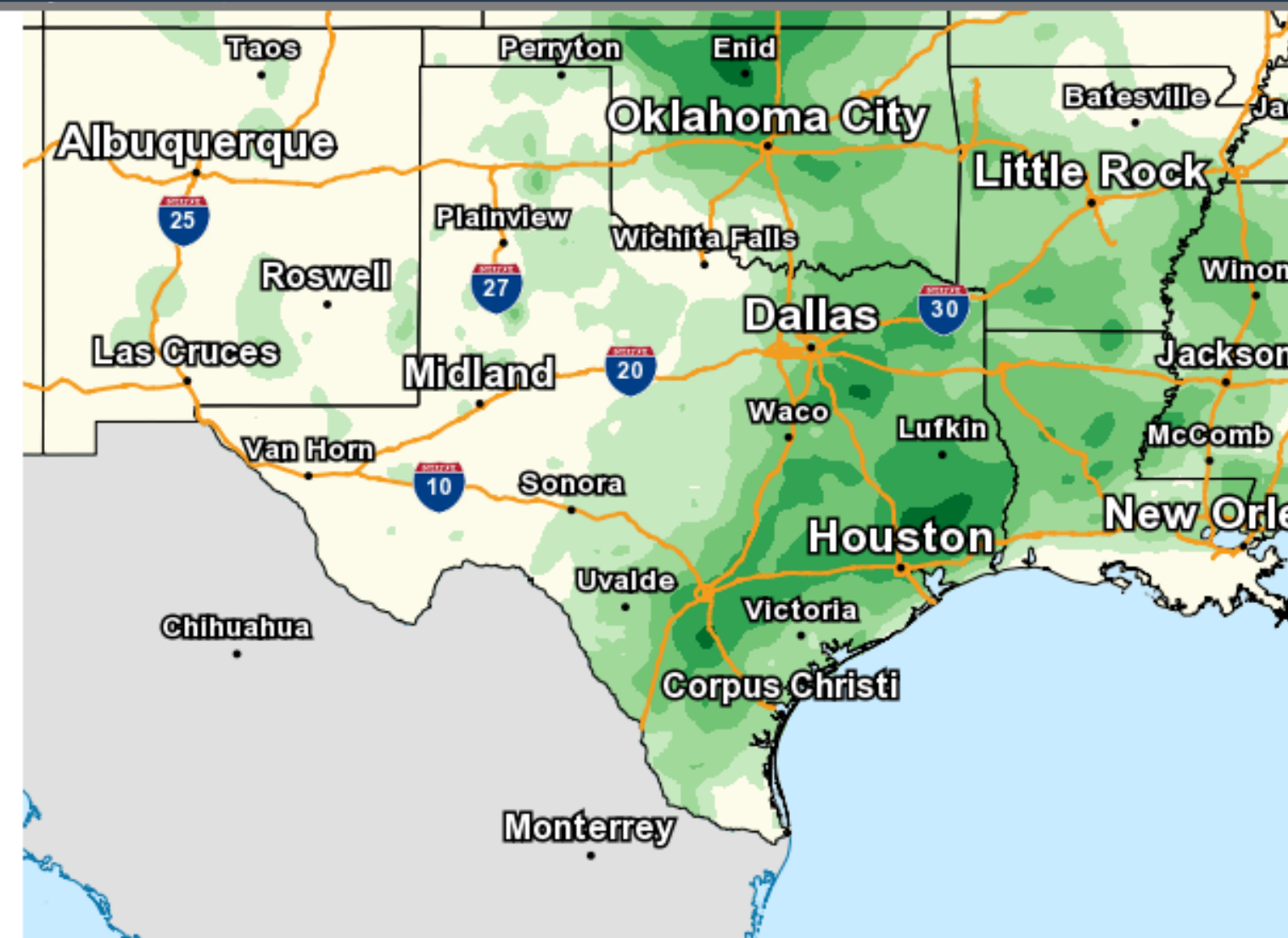
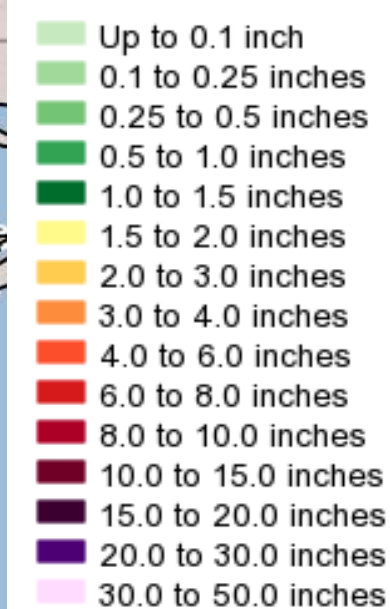


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Forecast Chart



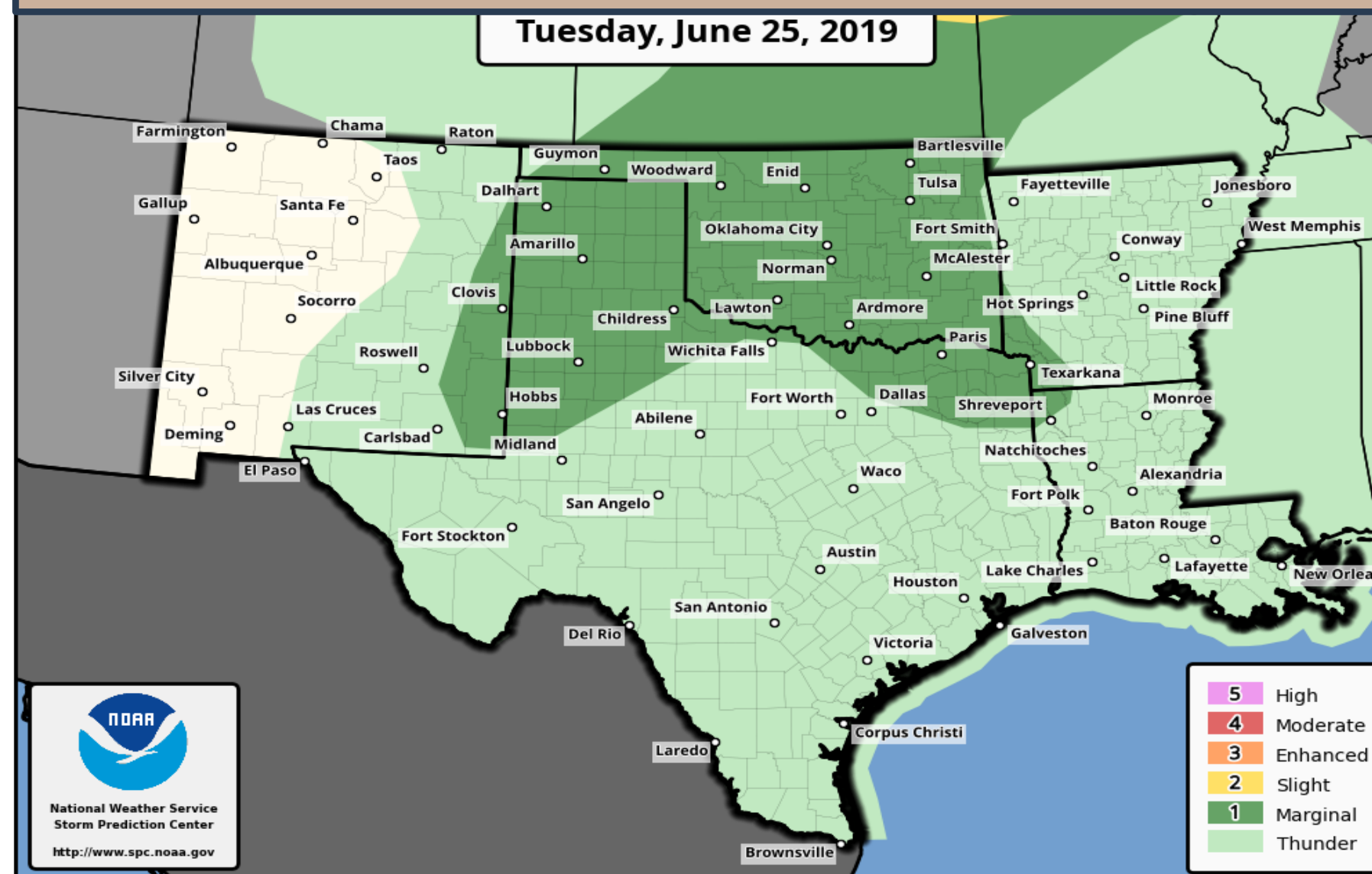
Forecast Rainfall



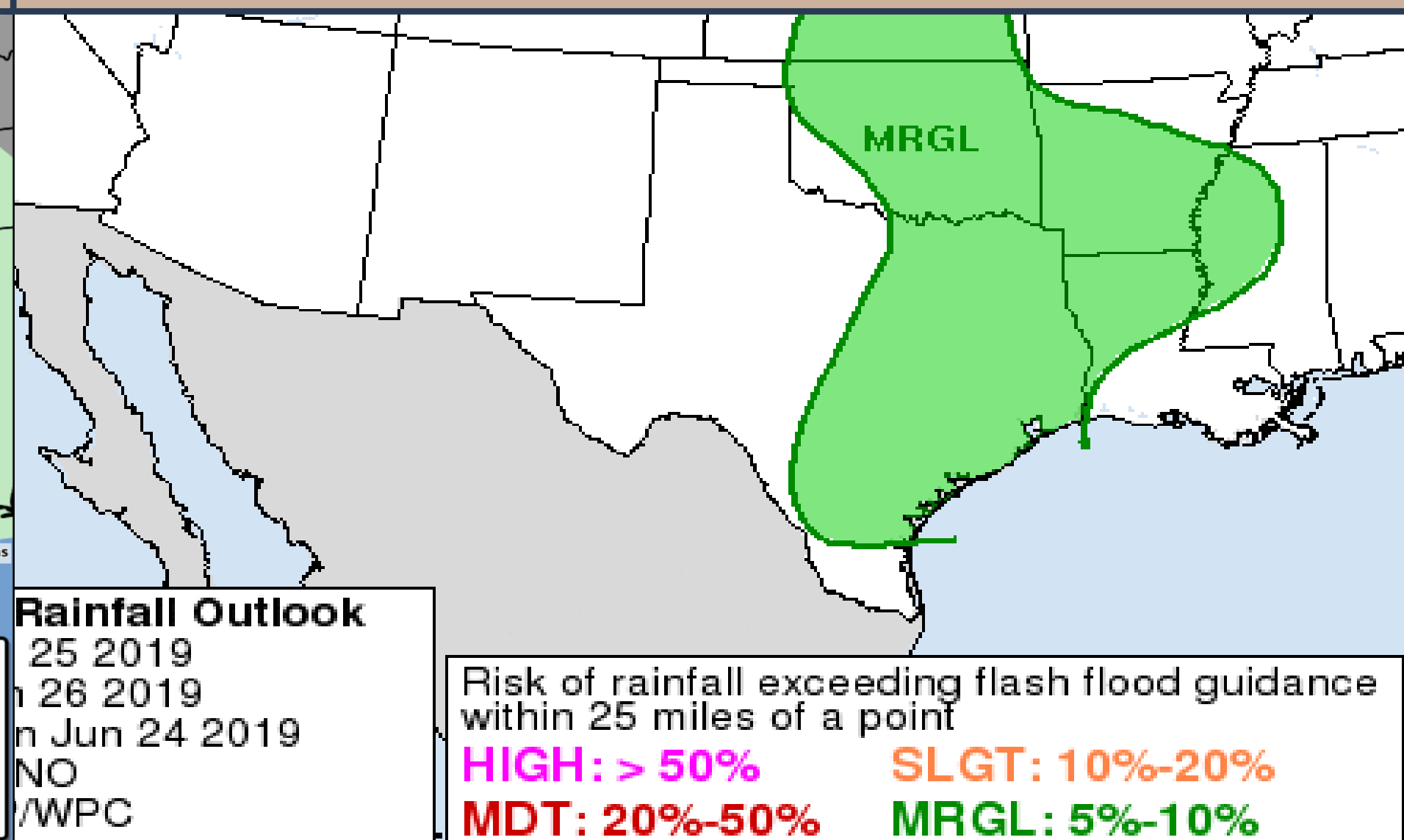
Isolated strong to severe storms across E NM, TX/OK Panhandles, W & N TX, OK, W AR. Damaging winds and large hail are the primary threats.

Isolated heavy rain and flash flooding across parts of OK, TX, AR, LA

Severe Weather Outlook



Excessive Rainfall Outlook



Wednesday's Weather

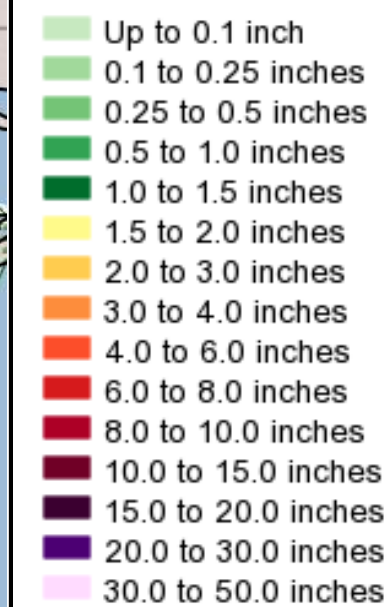
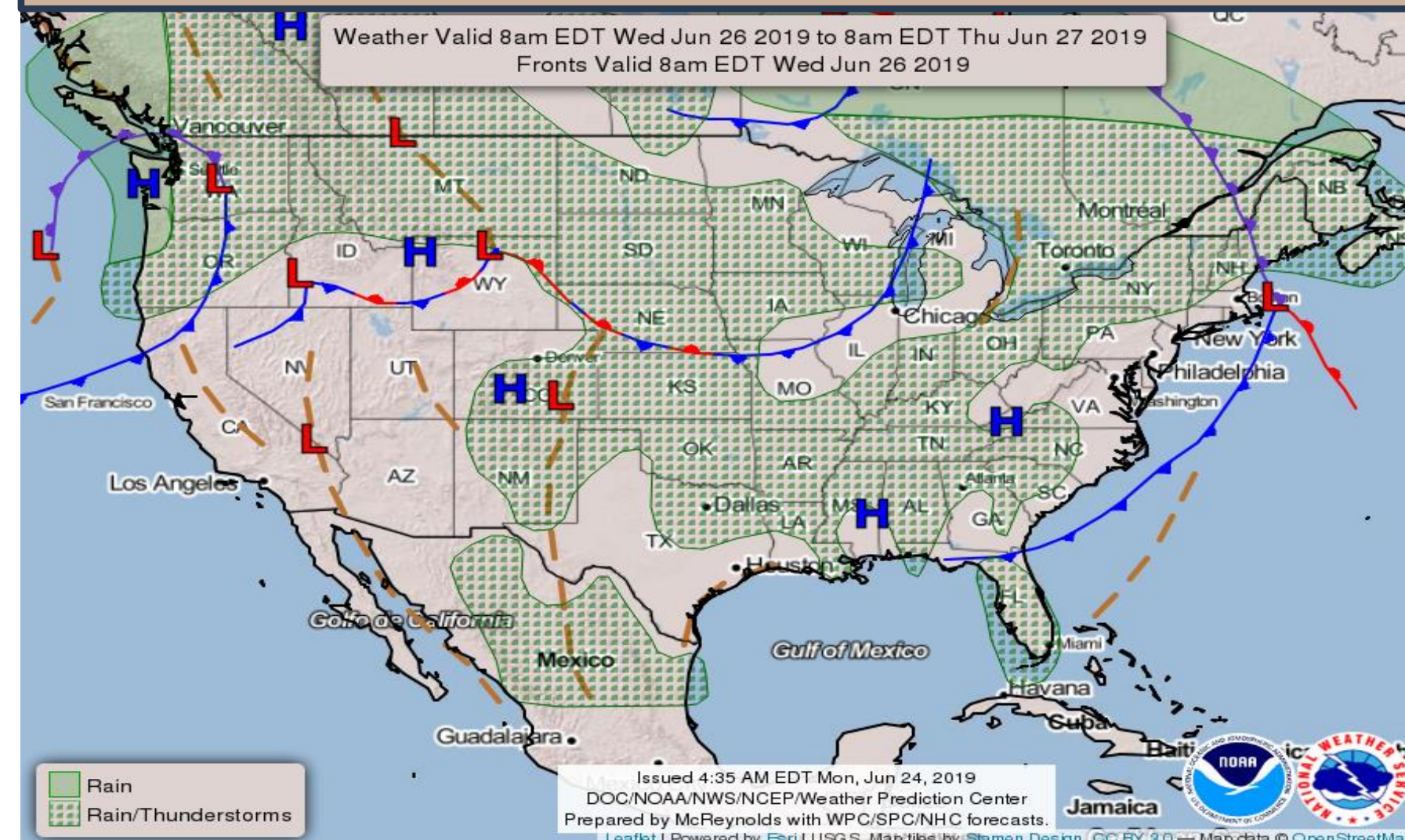


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Forecast Chart

Forecast Rainfall

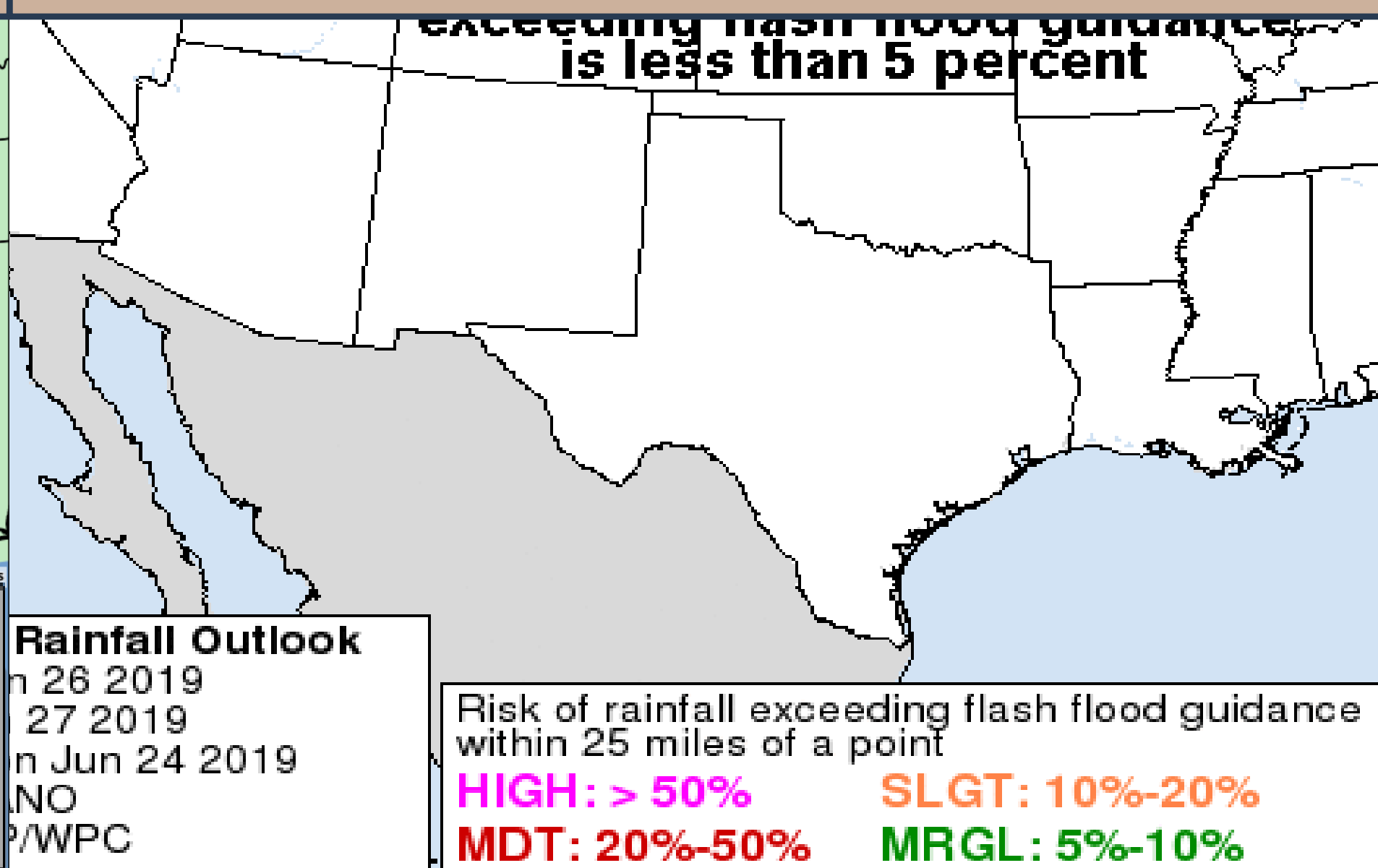
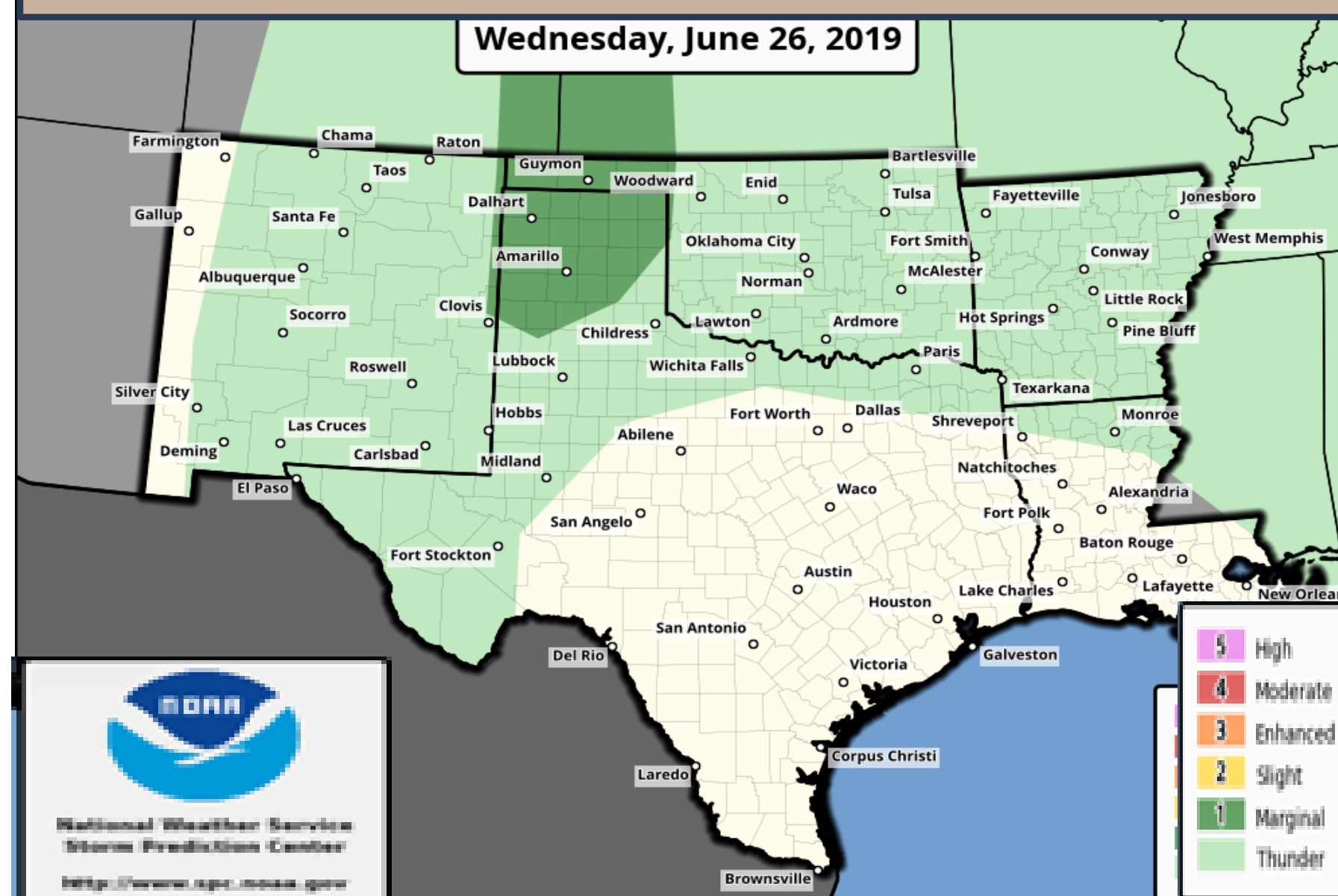
Marginal risk of strong/severe storms over the TX/OK Panhandles. Damaging winds and large hail are the primary threats.



Graphic Created
June 24th, 2019

Severe Weather Outlook

Excessive Rainfall Outlook

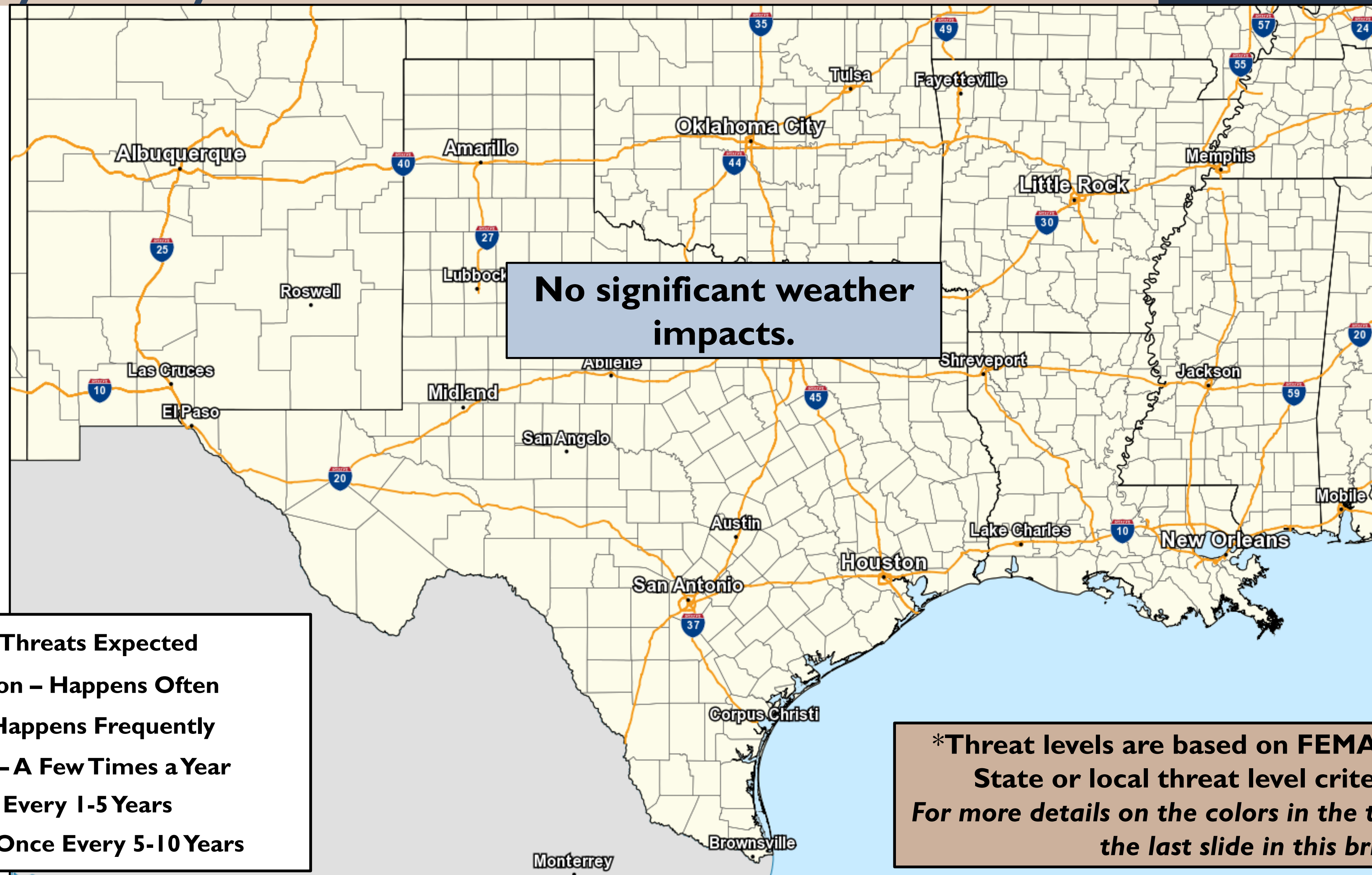


Days 4-5 Weather Hazards

Thursday – Friday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

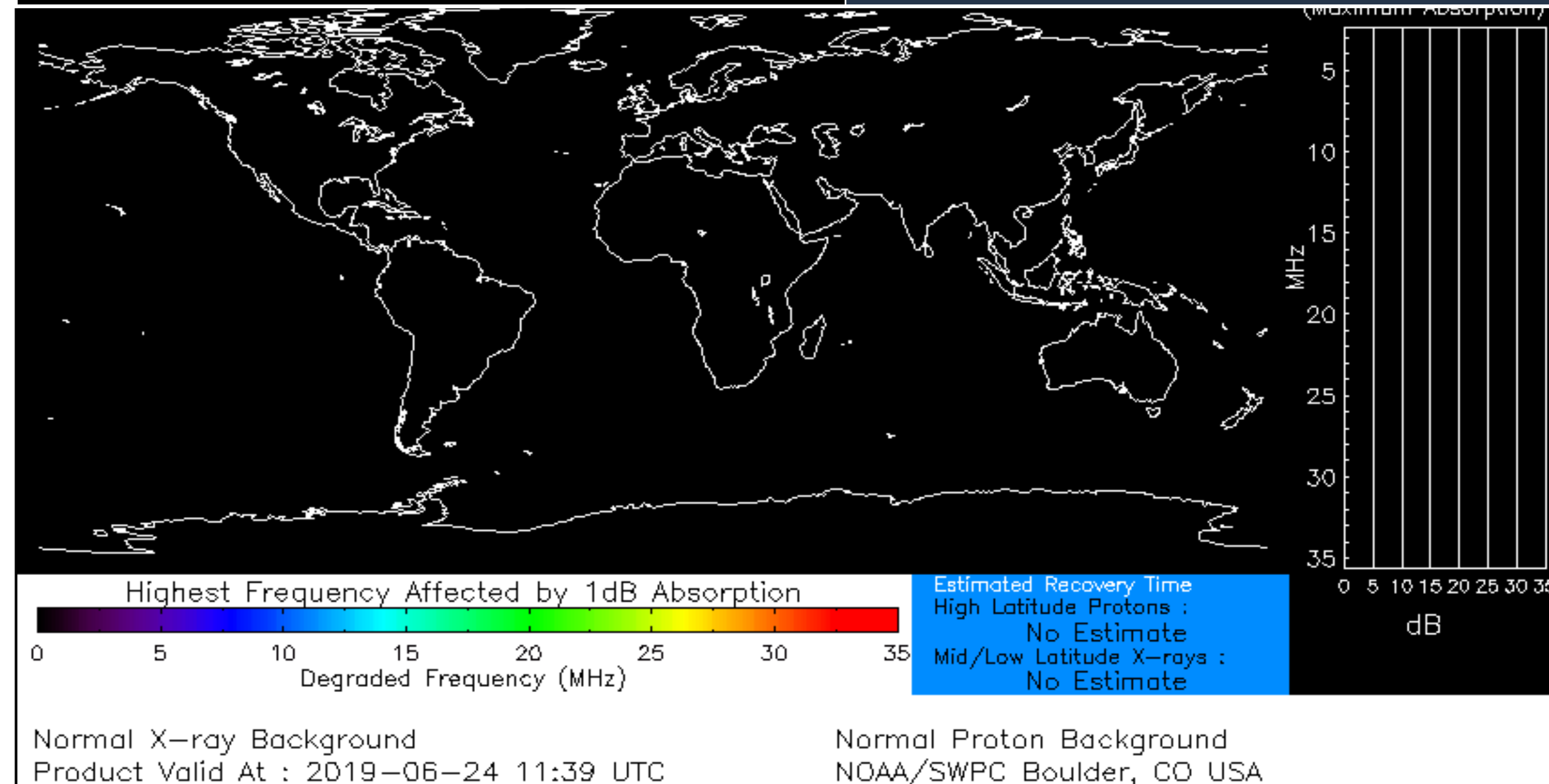
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*For more details on the colors in the threat matrix refer to
the last slide in this briefing.*

Space Weather 3-Day Forecast



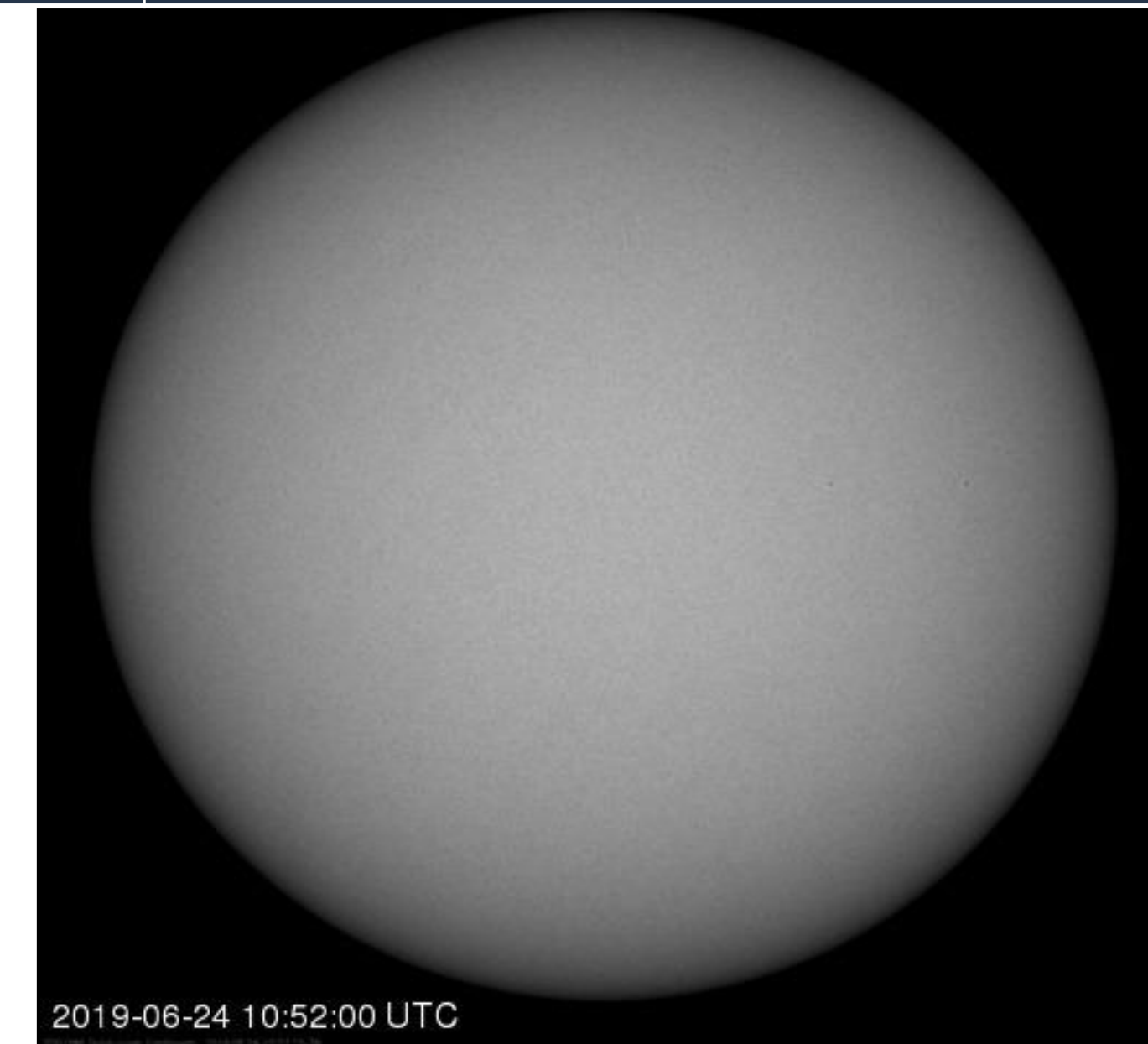
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov